



# Essential Smartbright LED Batten

## BN068C LED9/NW L900 G2

Essential Smartbright LED Batten, 9.6 W, 900 lm, 4000 K, Wide beam

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. This new batten range of LED products can be used to replace traditional battens with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch

### Product data

| General Information                |               | Luminaire light beam spread              |                            |
|------------------------------------|---------------|--|----------------------------|
| Light source replaceable           | No            |  | 140°                       |
| Number of gear units               | 1 unit        | Operating and Electrical                 |                            |
| Driver included                    | Yes           | Input Voltage                            | 220 to 240 V               |
| Light source engine type           | LED           | Line Frequency                           | 50 to 60 Hz                |
| Value ladder                       | Value         | Power Consumption                        | 9.6 W                      |
| Warranty period                    | 1 years       | Power Factor (Fraction)                  | 0.5                        |
| Light Technical                    |               | Connection                               | Flying leads/wires         |
| Luminous Flux                      | 900 lm        | Cable                                    | Cable without plug 2-pole  |
| Correlated Color Temperature (Nom) | 4000 K        | Number of products on MCB of 16 A type B | 10                         |
| Luminous Efficacy (rated) (Nom)    | 94 lm/W       | Protection class IEC                     | Safety class II            |
| Color rendering index (CRI)        | >80           | Controls and Dimming                     |                            |
| Light source color                 | Neutral white | Dimmable                                 | No                         |
| Optic type                         | Wide beam     | Driver/power unit/transformer            | Power supply unit (On/Off) |
|                                    |               | Control interface                        | -                          |

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|                       |                |
|-----------------------|----------------|
| Constant light output | No             |
| Maximum dim level     | Not applicable |

### Mechanical and Housing

|                                     |                         |
|-------------------------------------|-------------------------|
| Housing Material                    | Polyamide               |
| Optic material                      | Polycarbonate           |
| Optical cover material              | Polyamide               |
| Fixation material                   | Steel                   |
| Housing Color                       | White                   |
| Optical cover finish                | Clear                   |
| Overall length                      | 885 mm                  |
| Overall width                       | 21 mm                   |
| Overall height                      | 34.2 mm                 |
| Dimensions (Height x Width x Depth) | 34 x 21 x 885 mm        |
| Ingress protection code             | IP20 [Finger-protected] |
| Mech. impact protection code        | IK00 [No protection]    |
| Optical cover type                  | Polycarbonate linear    |
| Net Weight (Piece)                  | 0.125 kg                |

### Approval and Application

|                   |                                  |
|-------------------|----------------------------------|
| Glow-wire test    | Temperature 850 °C, duration 5 s |
| CE mark           | No                               |
| EU RoHS compliant | Yes                              |

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -20 to +40 °C |
|---------------------------|---------------|

### Initial Performance (IEC Compliant)

|                             |        |
|-----------------------------|--------|
| Luminous flux tolerance     | +/-10% |
| Initial chromaticity        | SDCM<7 |
| Power consumption tolerance | +/-10% |

### Over Time Performance (IEC Compliant)

|                           |                |
|---------------------------|----------------|
| Median useful life L70B50 | 20,000 hour(s) |
|---------------------------|----------------|

### Product Data

|                                 |                        |
|---------------------------------|------------------------|
| Order product name              | BN068C LED9/NW L900 G2 |
| Full product name               | BN068C LED9/NW L900 G2 |
| Full product code               | 911401819197           |
| Order code                      | 911401819197           |
| Material Nr. (12NC)             | 911401819197           |
| Numerator - Quantity Per Pack   | 1                      |
| EAN/UPC - Product/Case          | 8710163310459          |
| Numerator - Packs per outer box | 24                     |
| EAN/UPC - Case                  | 8710163310756          |

### Dimensional drawing

